



February 24, 2006

LG&E Energy LLC
220 West Main Street (40202)
P.O. Box 32030
Louisville, Kentucky 40232

Ms. Elizabeth O'Donnell
Public Service Commission
211 Sower Boulevard
P. O. Box 615
Frankfort, Kentucky 40601

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FEB 24 2006

**PUBLIC SERVICE
COMMISSION**

Re: Case No. 99-441 **Sample Meter Testing Pilot Plan**

Dear Ms. O'Donnell:

The PSC Order in Case Number 99-441 allowed for a new sample-testing plan for participating electric utilities. This order required these same utilities to submit an annual report to the Commission.

Pursuant to the October 25, 2000 Revised Amended Sample Meter Testing Pilot Plan, Appendix A, Section I (4) and Appendix A, Section II (D)(3)(b), **Kentucky Utilities Company** submits the following:

The Certified Test Results of all new meters received
(Attachment A)

2005 Statistical Sampling Test Results and Summary
(Attachment B)

If you have any questions please do not hesitate to contact me.

Sincerely,

Martin J. Reinert
Regulatory Analyst II
Regulatory Affairs

Attachments

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Attachment A

KENTUCKY UTILITIES / OLD DOMINION POWER COMPANY
MANUFACTURER TESTS ADDED LAST YEAR
REPORT NO. MD8880

PAGE 1
RUN DATE: 1/16/06
RUN TIME: 22.00.08

CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
ODP		I210	D082672	09-29-05	100.0	100.0	100.0
ODP		I210	D082673	09-29-05	100.0	100.0	100.0
ODP		I210	D082674	09-29-05	100.0	100.0	100.0
ODP		I210	D082675	09-29-05	100.0	100.0	100.0
ODP		I210	D082676	09-29-05	100.0	100.0	100.0
ODP		I210	D082677	09-29-05	100.0	100.0	100.0
ODP		I210	D082678	09-29-05	100.0	100.0	100.0
ODP		I210	D082679	09-29-05	100.0	100.0	100.0
ODP		I210	D082680	09-29-05	100.0	100.0	100.0
ODP		I210	D082681	09-29-05	100.0	100.0	100.0
ODP		I210	D082682	09-29-05	99.9	100.0	99.9
ODP		I210	D082683	09-29-05	100.0	100.0	100.0
ODP		I210	D082684	09-29-05	100.0	100.0	100.0
ODP		I210	D082685	09-29-05	100.0	100.0	100.0
ODP		I210	D082686	09-29-05	100.0	100.0	100.0
ODP		I210	D082687	09-29-05	100.0	100.0	100.0
ODP		I210	D082688	09-29-05	100.0	100.0	100.0
ODP		I210	D082689	09-29-05	100.0	100.0	100.0
ODP		I210	D082690	09-29-05	100.0	100.0	100.0
ODP		I210	D082691	09-29-05	100.0	100.0	100.0
ODP		I210	D082692	09-29-05	100.0	100.0	100.0
ODP		I210	D082693	09-29-05	99.9	100.0	99.9
ODP		I210	D082694	09-29-05	100.0	100.0	100.0
ODP		I210	D082695	09-29-05	100.0	100.0	100.0
ODP		I210	D082696	09-29-05	100.0	100.0	100.0
ODP		I210	D082697	09-29-05	100.0	100.0	100.0
ODP		I210	D082698	09-29-05	100.0	100.0	100.0
ODP		I210	D082699	09-29-05	100.0	100.0	100.0
ODP		I210	D082700	09-29-05	100.0	100.0	100.0
ODP		I210	D082701	09-29-05	100.0	100.0	100.0
ODP		I210	D082702	09-29-05	100.0	100.0	100.0
ODP		I210	D082703	09-29-05	100.0	100.0	100.0
ODP		I210	D082704	09-29-05	99.9	100.0	99.9
ODP		I210	D082705	09-29-05	100.1	100.0	100.1
ODP		I210	D082706	09-29-05	100.0	100.0	100.0
ODP		I210	D082707	09-29-05	100.0	100.0	100.0
ODP		I210	D082708	09-29-05	100.0	100.0	100.0
ODP		I210	D082709	09-29-05	100.0	100.0	100.0
ODP		I210	D082710	09-29-05	100.0	100.0	100.0
ODP		I210	D082711	09-29-05	100.0	100.0	100.0
ODP		I210	D082712	09-29-05	100.0	100.0	100.0
ODP		I210	D082713	09-29-05	100.0	100.0	100.0
ODP		I210	D082714	09-29-05	99.9	100.0	99.9
ODP		I210	D082715	09-29-05	100.0	100.0	100.0
ODP		I210	D082716	09-29-05	100.0	100.0	100.0
ODP		I210	D082717	09-29-05	100.0	100.0	100.0
ODP		I210	D082718	09-29-05	100.0	100.0	100.0
ODP		I210	D082719	09-29-05	100.0	100.0	100.0
ODP		I210	D082720	09-29-05	100.0	100.0	100.0
ODP		I210	D082721	09-29-05	100.0	100.0	100.0
ODP		I210	D082722	09-29-05	100.0	100.0	100.0

Attachment B

MD8885A

KENTUCKY UTILITIES COMPANY
 2005 SAMPLE TEST PROGRAM (JANUARY 1, 2005 TO DECEMBER 31, 2005)
 GROUP--NAME METER-TYPE IN-SERVICE SAMPLE METERS PASS/
 AB1 001 AB AB1 10,000 75 75 FAIL
 POPULATION QUANTITY TESTED PASS

PAGE 1
 RUN DATE 1/13/06
 RUN TIME 15.41.22

TEST RESULTS PER ANSI/ASQC Z1.9-1993
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED
 AQL = 2.5% - INSPECTION LEVEL II "L" - NORMAL INSPECTION

***** DEVICE NUMBER AND FULL LOAD TEST ACCURACY DATA *****			
C331753	99.2	C331759	99.8
C332107	100.4	C332174	100.2
C332884	100.0	C332986	99.9
L297961	100.1	L298002	99.6
L299079	100.1	L299235	100.3
L299913	99.5	L299918	100.2
L300354	99.3	L300482	100.0
L300764	100.4	L300818	100.1
L301427	100.0	L301539	100.2
L301998	99.7	L302258	100.4
L302808	99.9	L302860	100.3
L303237	100.1	L303521	99.8
M444838	100.1	M445154	100.1
W147631	99.4	W147639	100.1
W147812	100.2	W147821	99.8
C331946	100.0	C332403	100.1
L297631	99.9	L298129	99.9
L299390	99.9	L300060	99.9
L300605	100.4	L301130	100.5
L301765	100.1	L302489	100.2
L302932	100.1	M444590	100.1
W146843	100.1	W147658	99.8
W148208	100.1		
C331990	99.8	C332083	100.2
C332456	100.2	C332814	100.1
L297723	99.5	L297726	100.1
L298298	100.1	L298520	99.8
L299460	100.0	L299621	100.3
L300114	100.3	L300312	99.4
L300703	99.6	L300726	99.8
L301181	99.6	L301260	100.8
L301819	100.1	L301881	100.2
L302535	100.3	L302799	100.5
L302952	100.2	L303129	100.2
M444640	99.3	M444664	100.1
W147226	99.7	W147249	99.7
W147672	99.9	W147687	99.8
W148948	99.7	W149042	99.8

INFORMATION NEEDED

- 1 SAMPLE SIZE: N
- 2 SUM OF MEASUREMENTS
- 3 SUM OF SQUARED MEASUREMENTS
- 4 CORRECTION FACTOR (CF): SUM OF X SQUARED / N
- 5 CORRECTED SUM OF SQUARES (SS):
- 6 VARIANCE (V): SS/(N-1)
- 7 ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V
- 8 SAMPLE MEAN X BAR: SUM X/N
- 9 UPPER SPECIFICATION LIMIT: U
- 10 LOWER SPECIFICATION LIMIT: L
- 11 QUALITY INDEX: QU=(U-XBAR)/S
- 12 QUALITY INDEX: QL=(XBAR-L)/S
- 13 ESTIMATE OF LOT PERCENT NCF. ABOVE U:PU
- 14 ESTIMATE OF LOT PERCENT NCF. BELOW L:PL
- 15 TOTAL ESTIMATE PERCENT NCF. IN LOT: P=PU+PL
- 16 MAXIMUM ALLOWABLE PERCENT NCF: M
- 17 ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M
- 18 PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M
- 19 FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.

VALUE OBTAINED

75
 7,499.4
 749,886.92
 749,880.00
 06.92
 0.0935
 0.3057
 99.99
 102.00
 98.00
 6.58
 6.51
 0.00
 0.00
 0.00
 04.83
 PASS

KU
2005 SAMPLE
ELECTRIC METER SUMMARY

SAMPLE

In-Service Population	453,752	Divided into 62 Lots
Sample Quantity	3,917	
Meters Tested	3,906	
Meters Not Tested	11	
Failed Lots	0	
Failed Lot Meters	0	

DETAIL OF METERS NOT TESTED

Damaged

L104511	I60-1	Damaged bearings and register, disk jammed
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Lightning

L201471	I70-5
W117906	J4
L279948	J5-5

Open Potential Coil

M426833	I70-6
C262433	I70-7
C282747	J5-1
L254429	J5-2
M423086	J5-2
W140548	J5-6
L245471	MSII-2

E.ON U.S. LLC.
Rates and Regulatory
220 West Main Street
5th Floor
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